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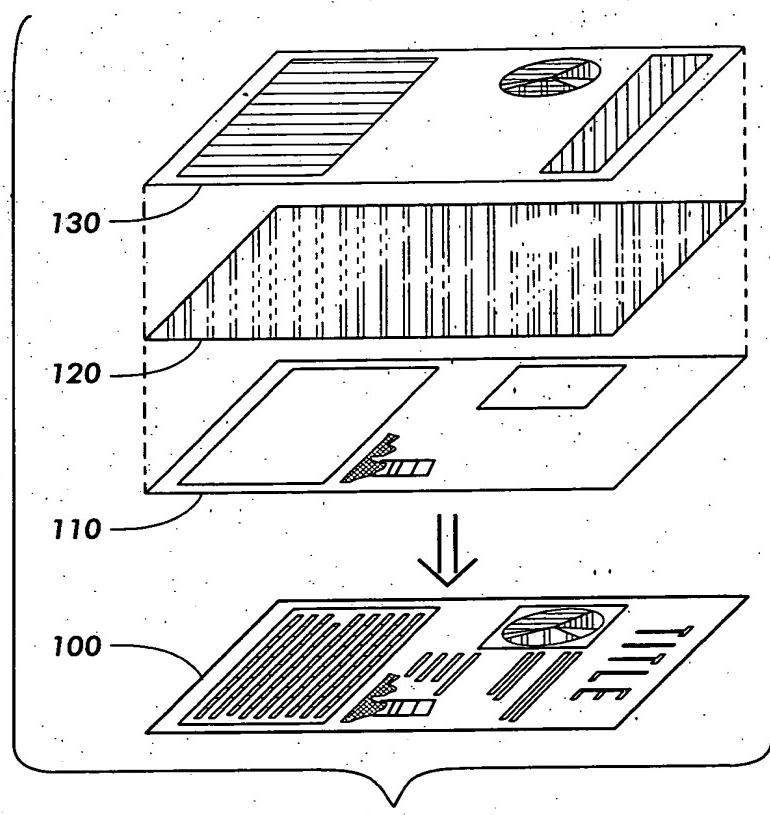
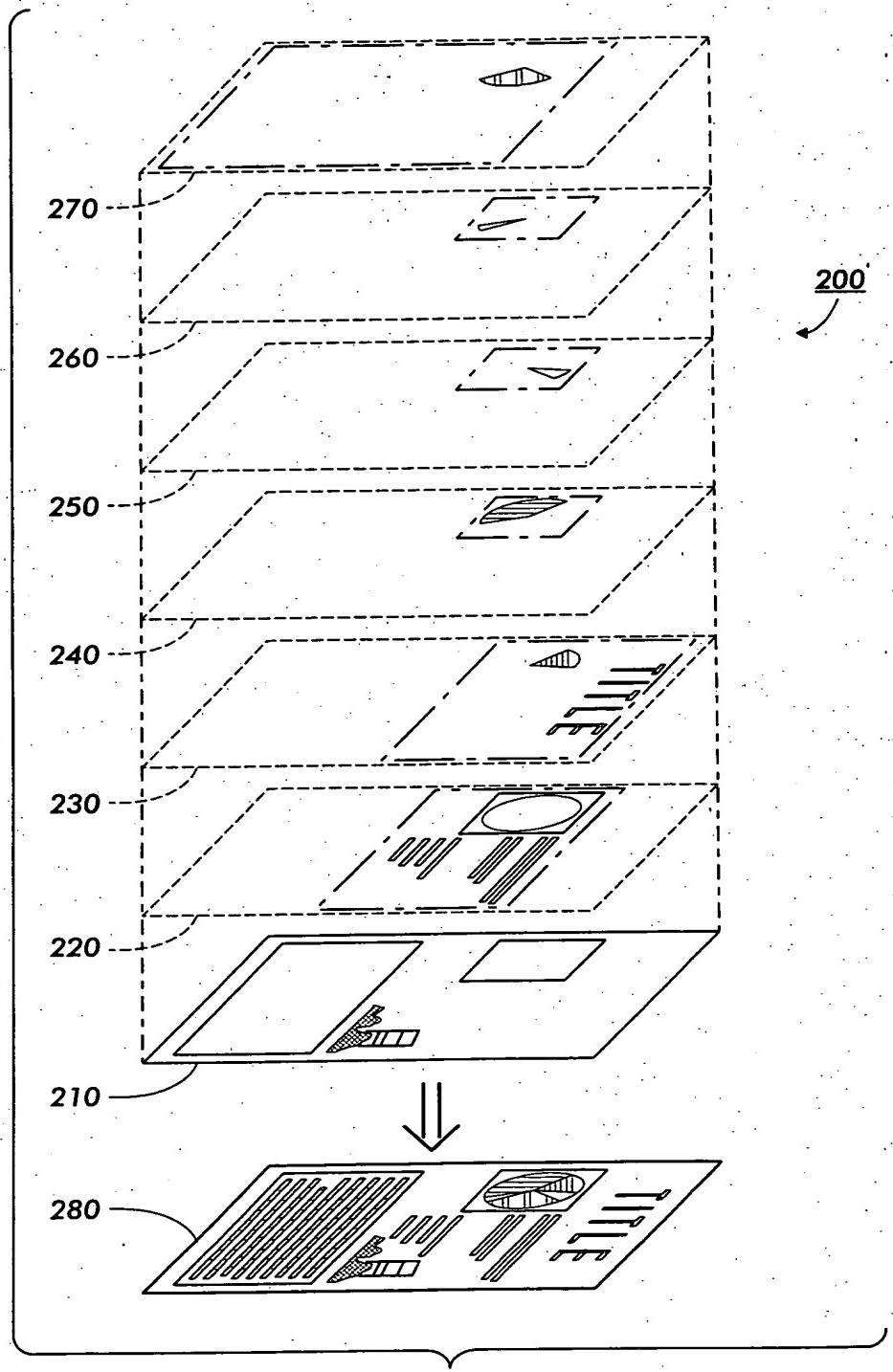


FIG. 1



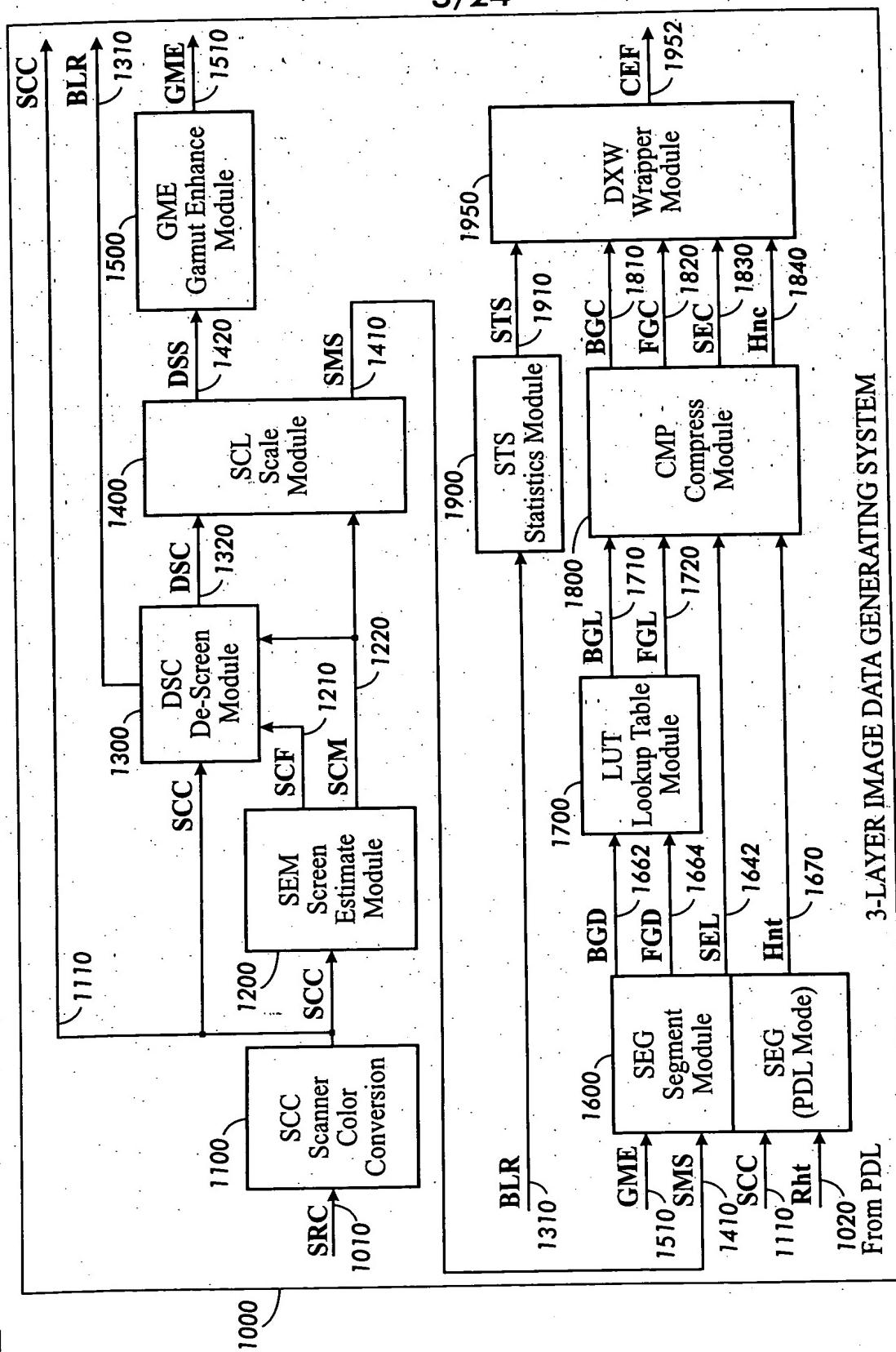


FIG. 3

3-LAYER IMAGE DATA GENERATING SYSTEM

From PDL

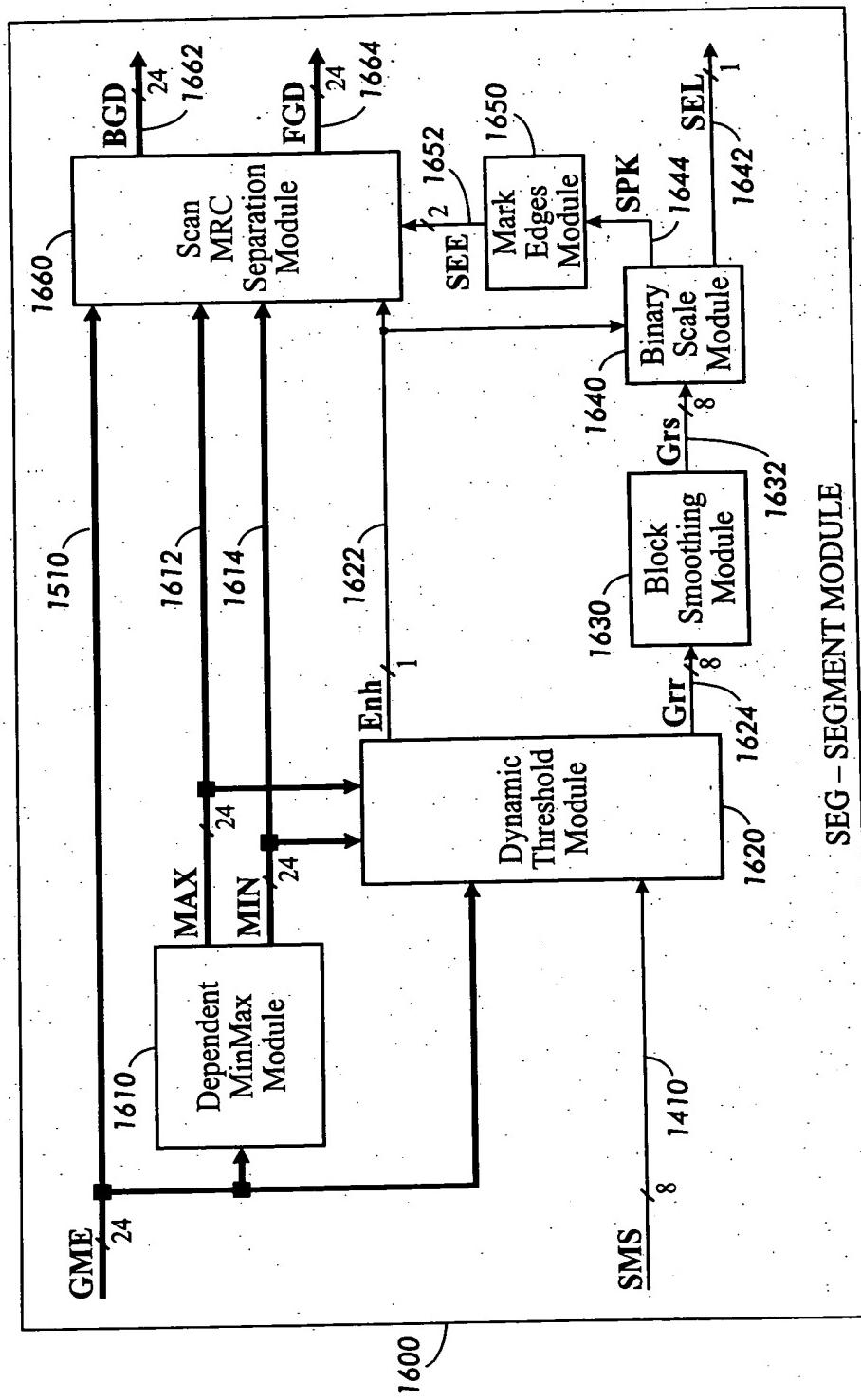


FIG. 4

SEG - SEGMENT MODULE

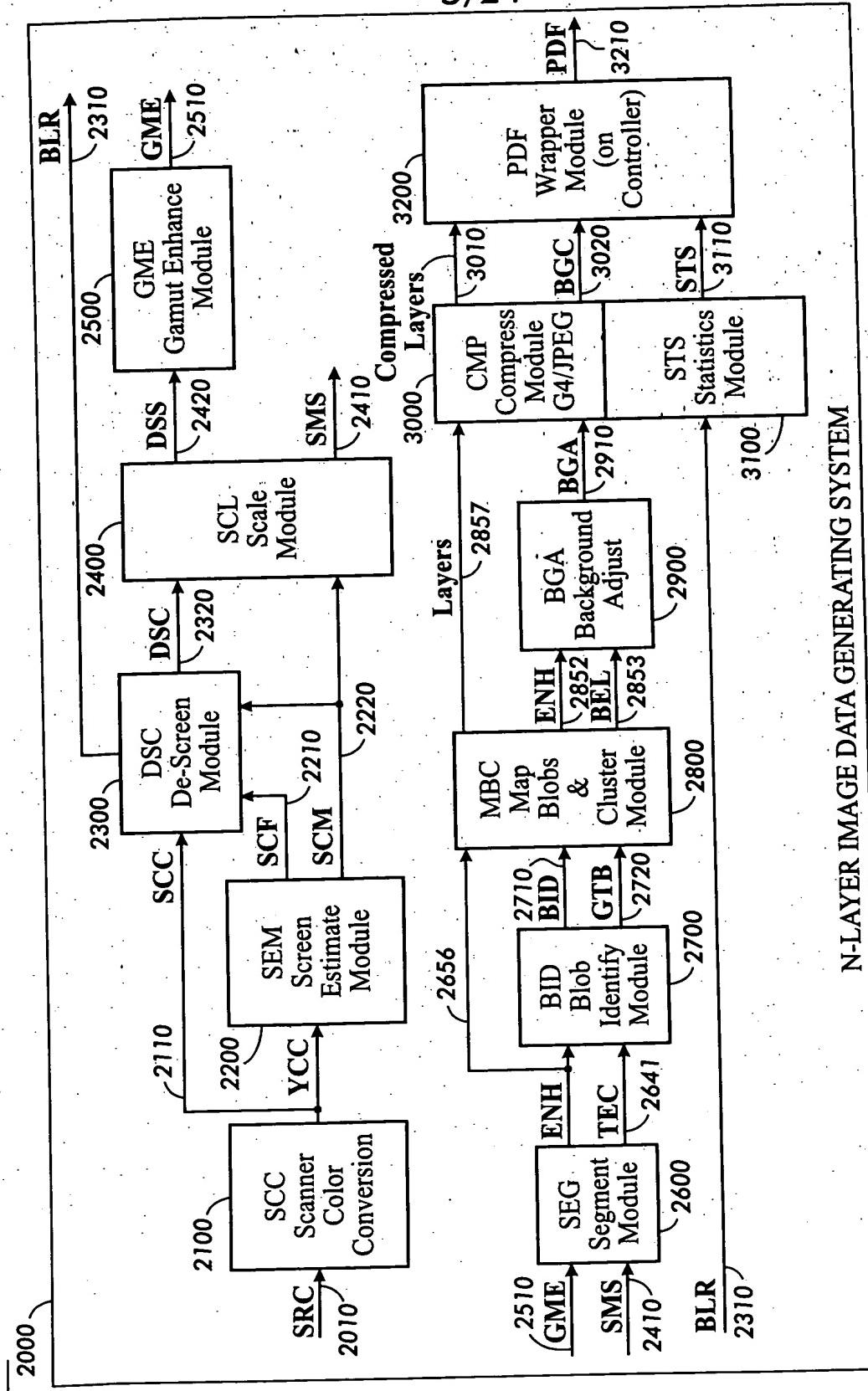


FIG. 5

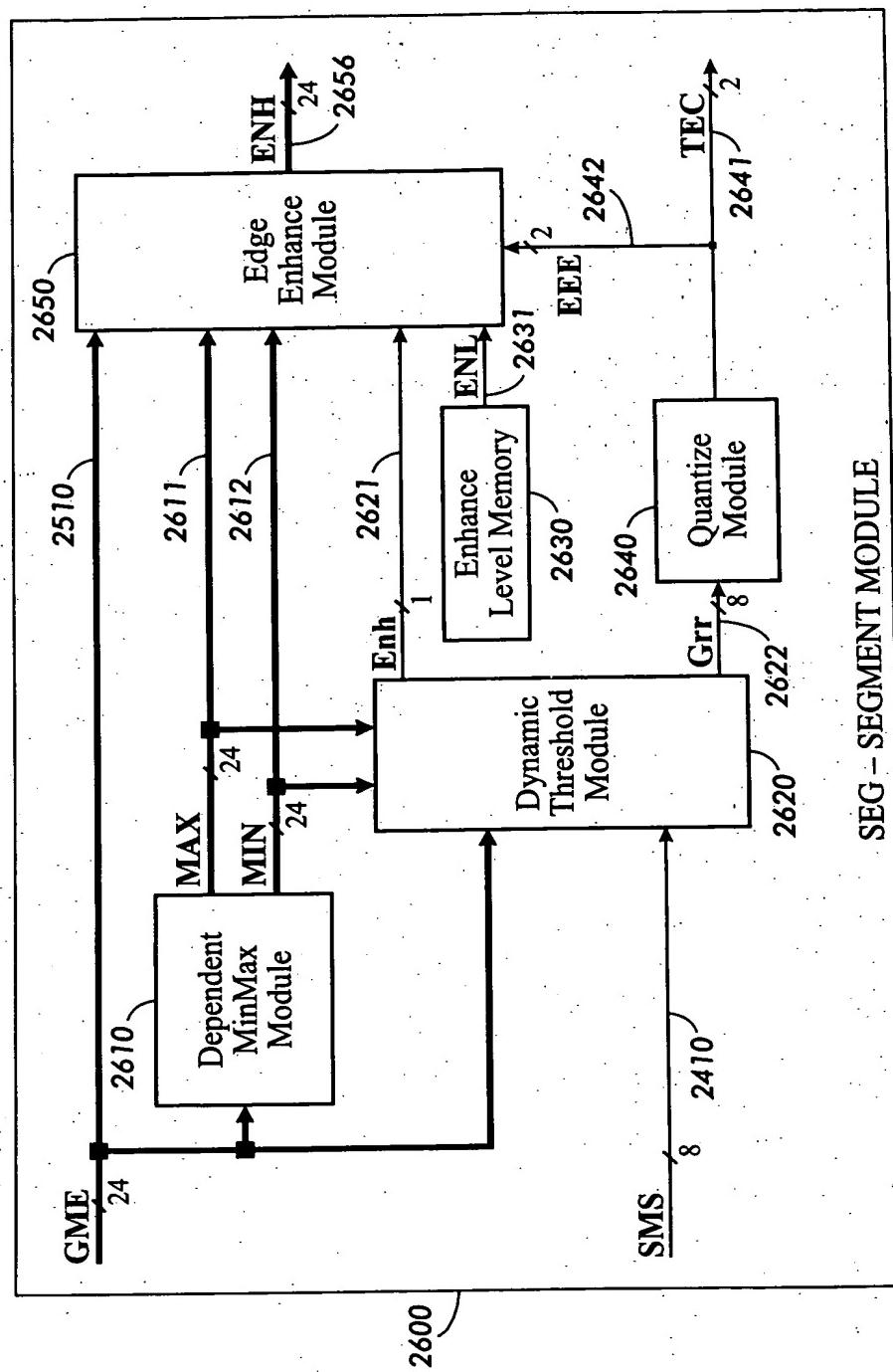


FIG. 6

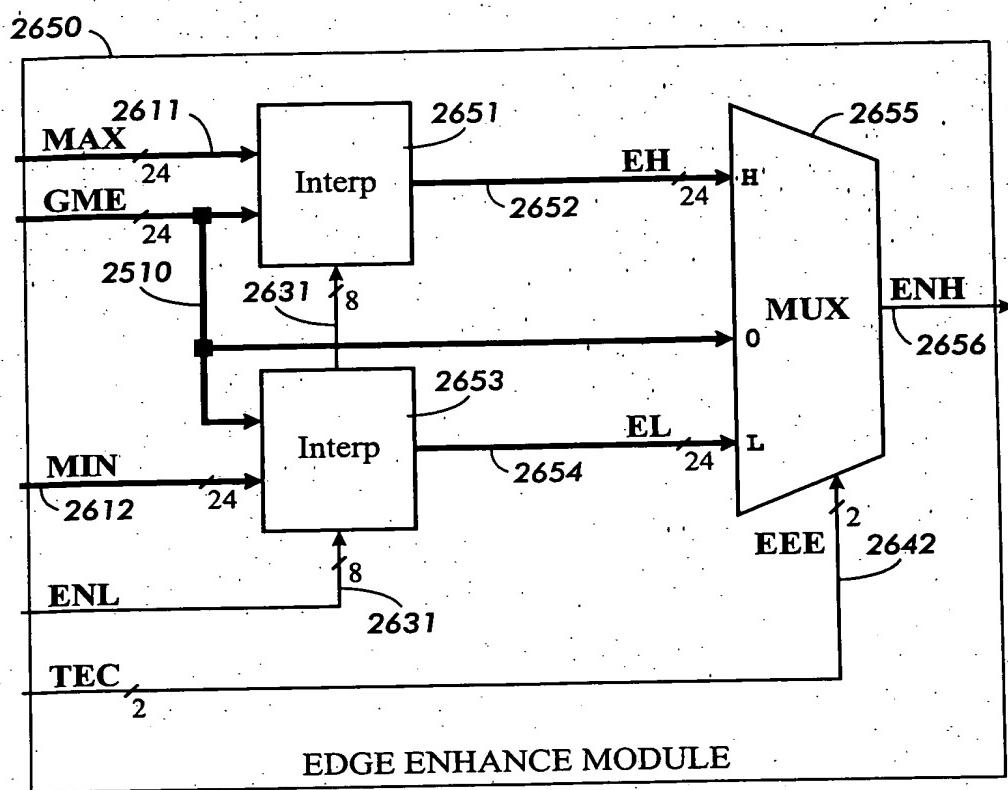


FIG. 7

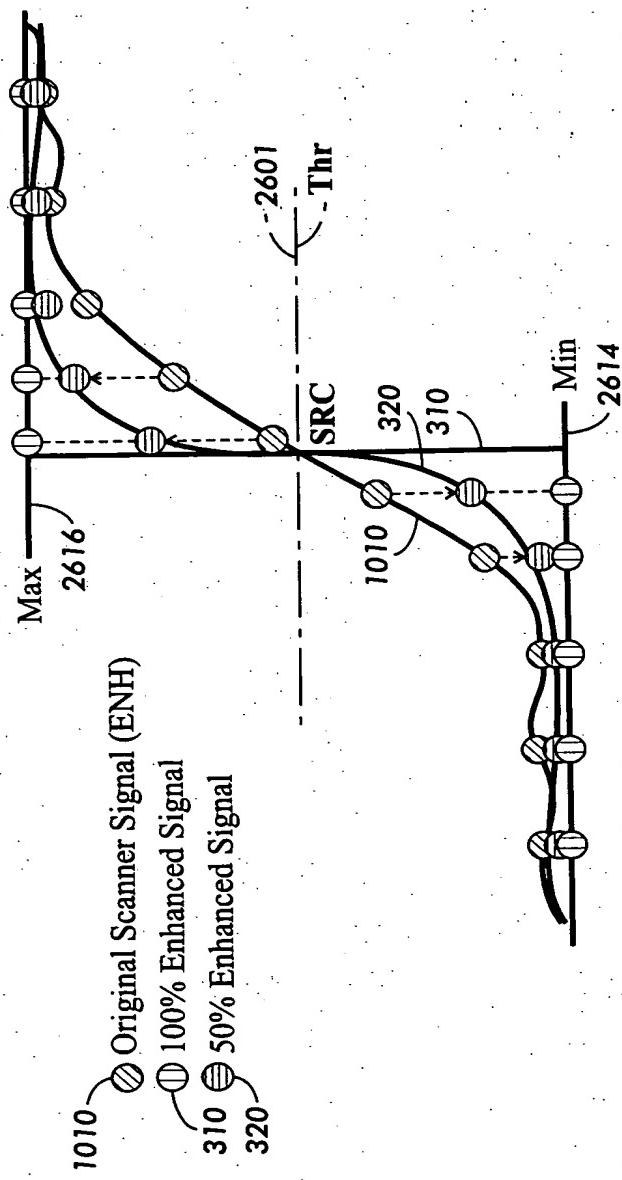
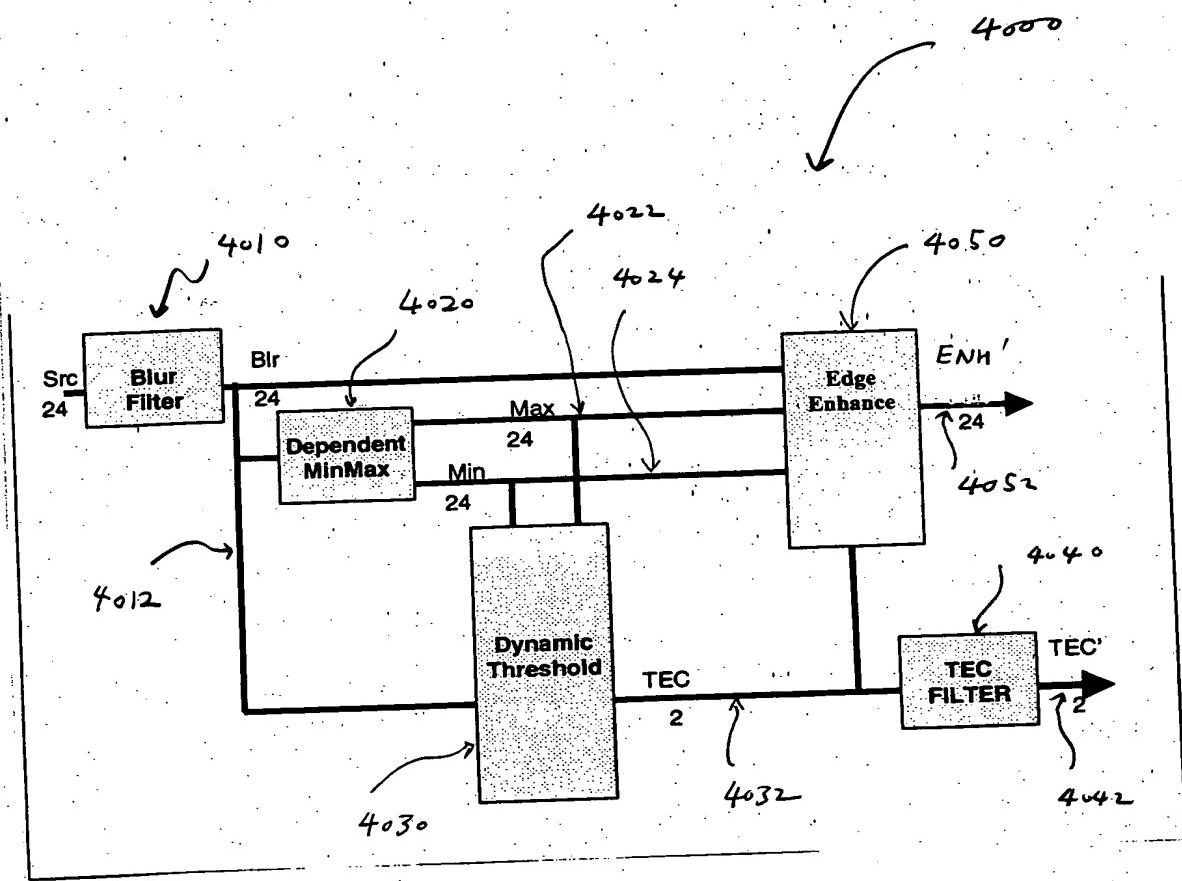


FIG. 8



SEG - SEGMENT MODULE

Fig. 9

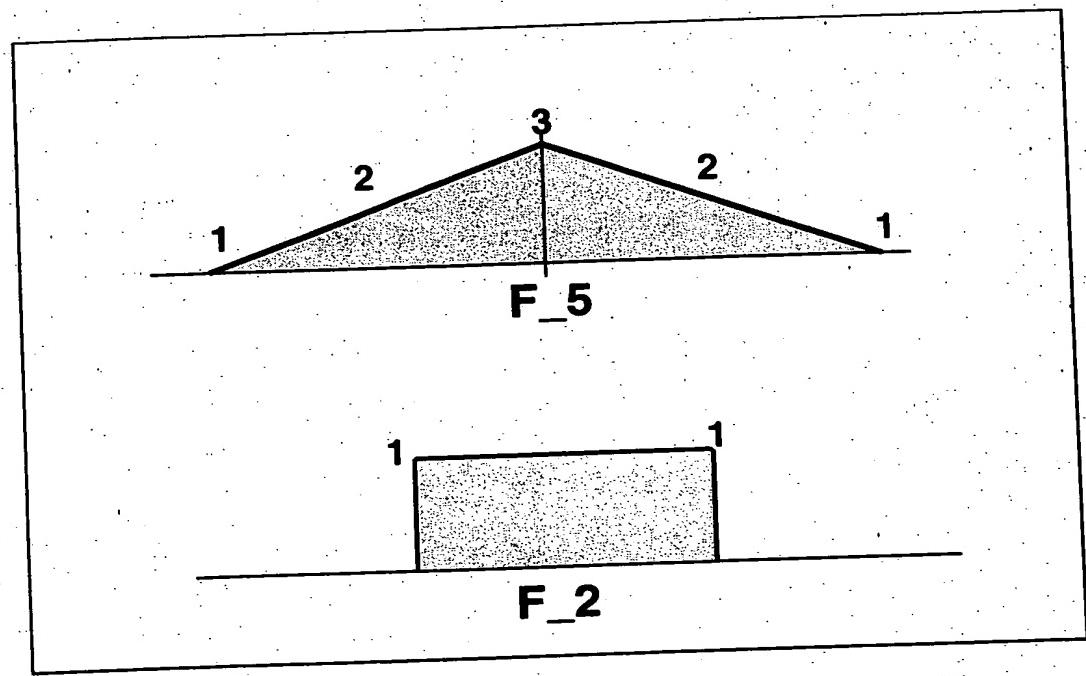


Fig. 10

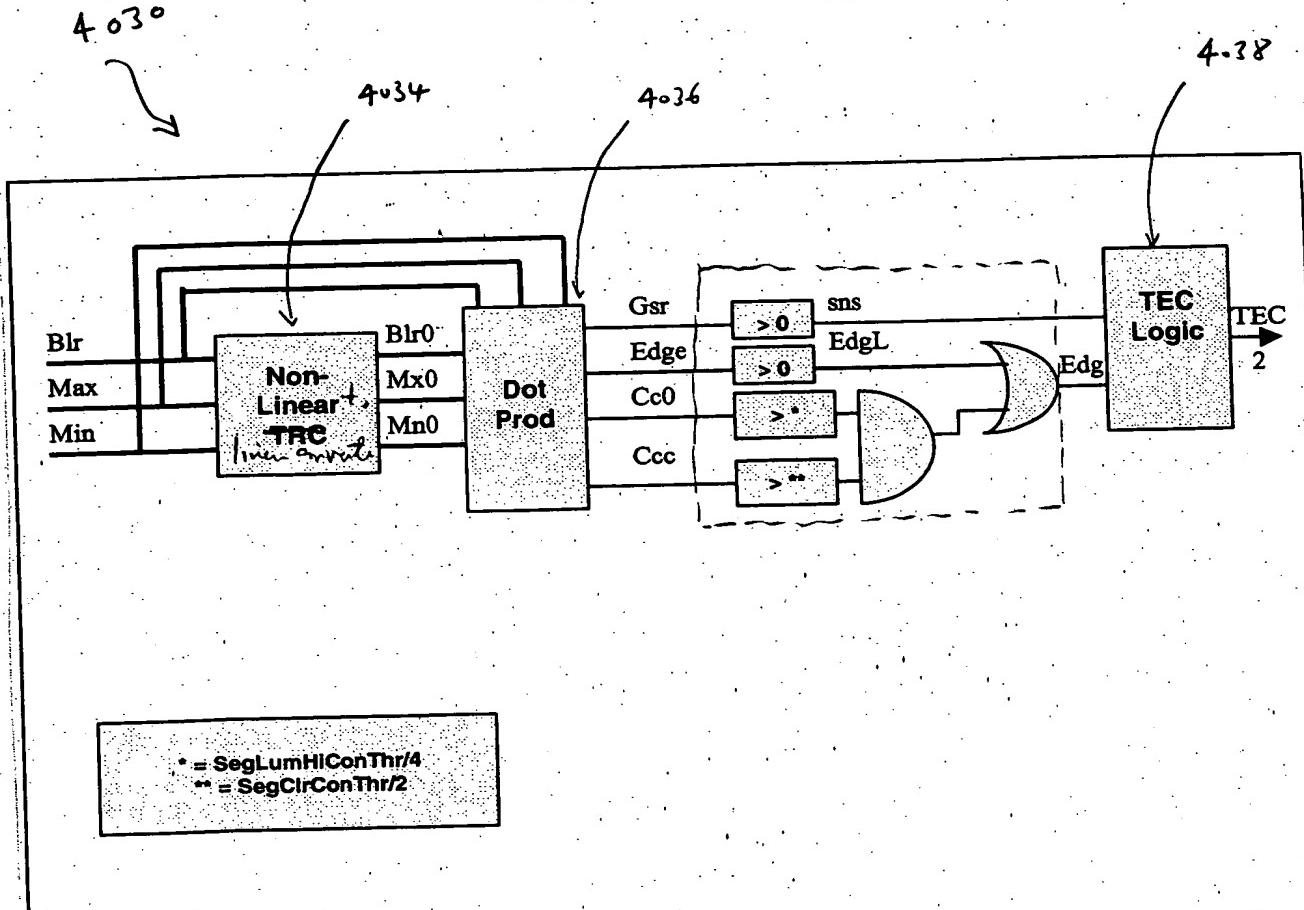


Fig. 11

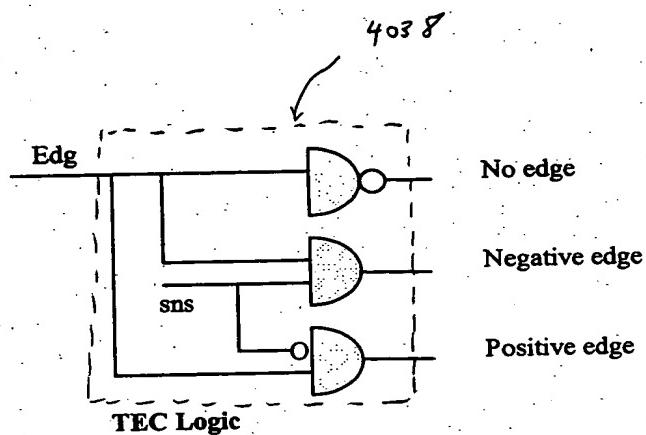


Fig. 12

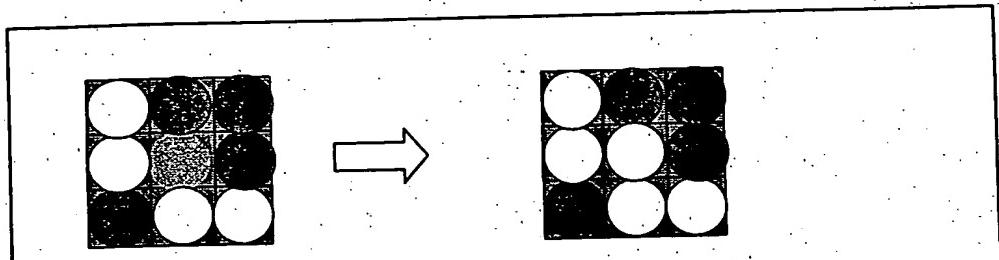


Fig. 13

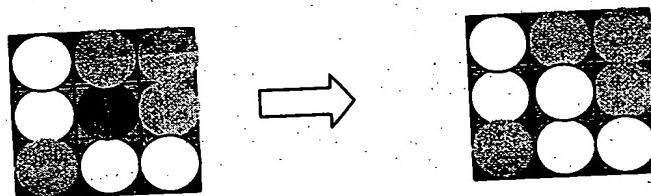


Fig. 14

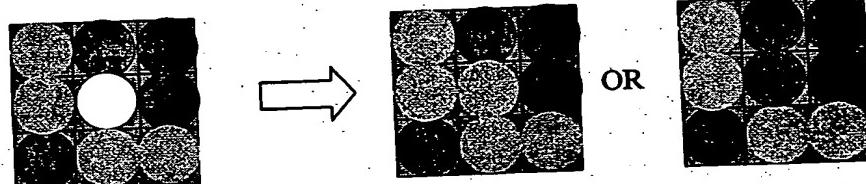


Fig. 15



No Edge



Positive Edge



Negative Edge

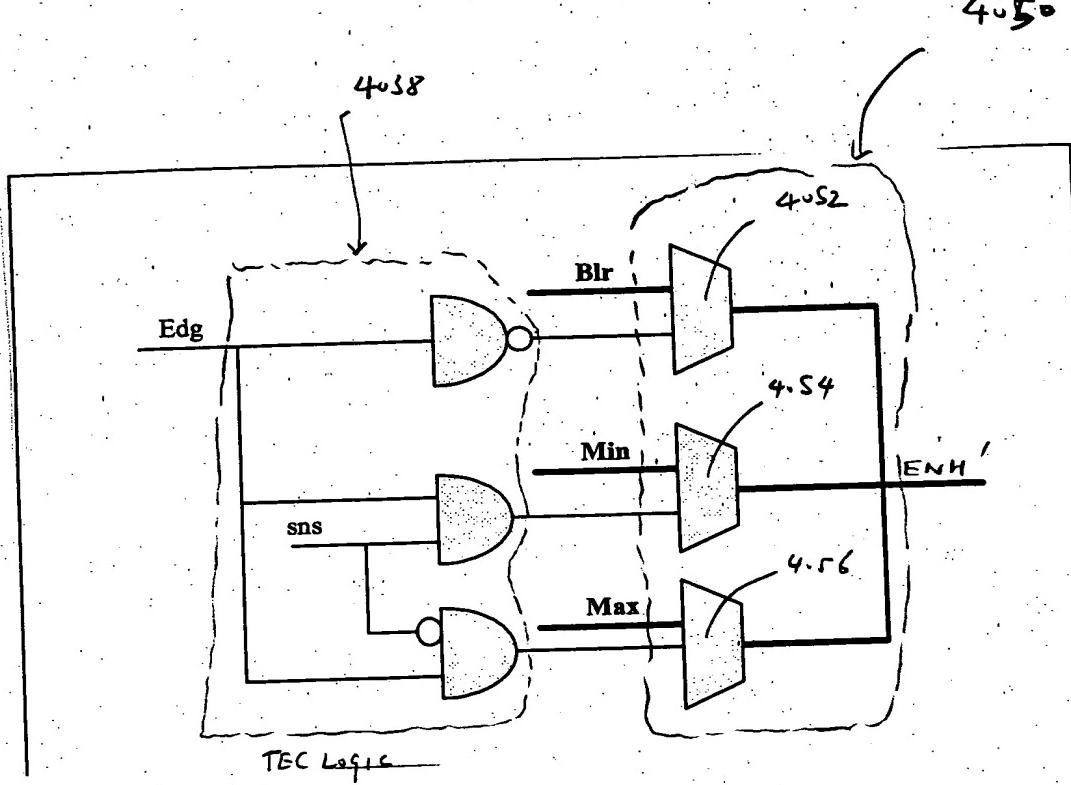


Fig. 16

9/24

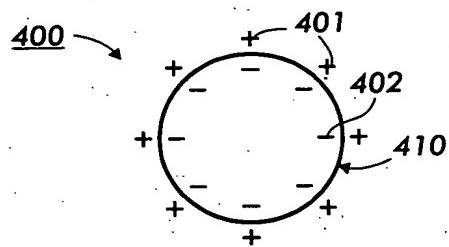


FIG. 17

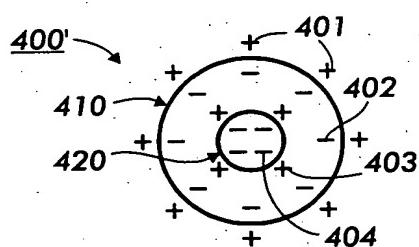


FIG. 18

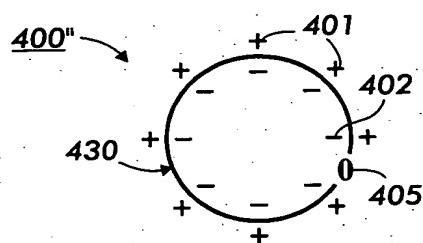


FIG. 19

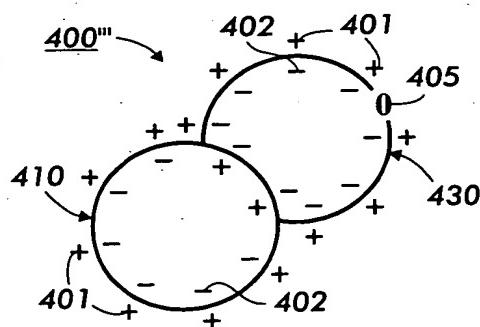


FIG. 20

10/24

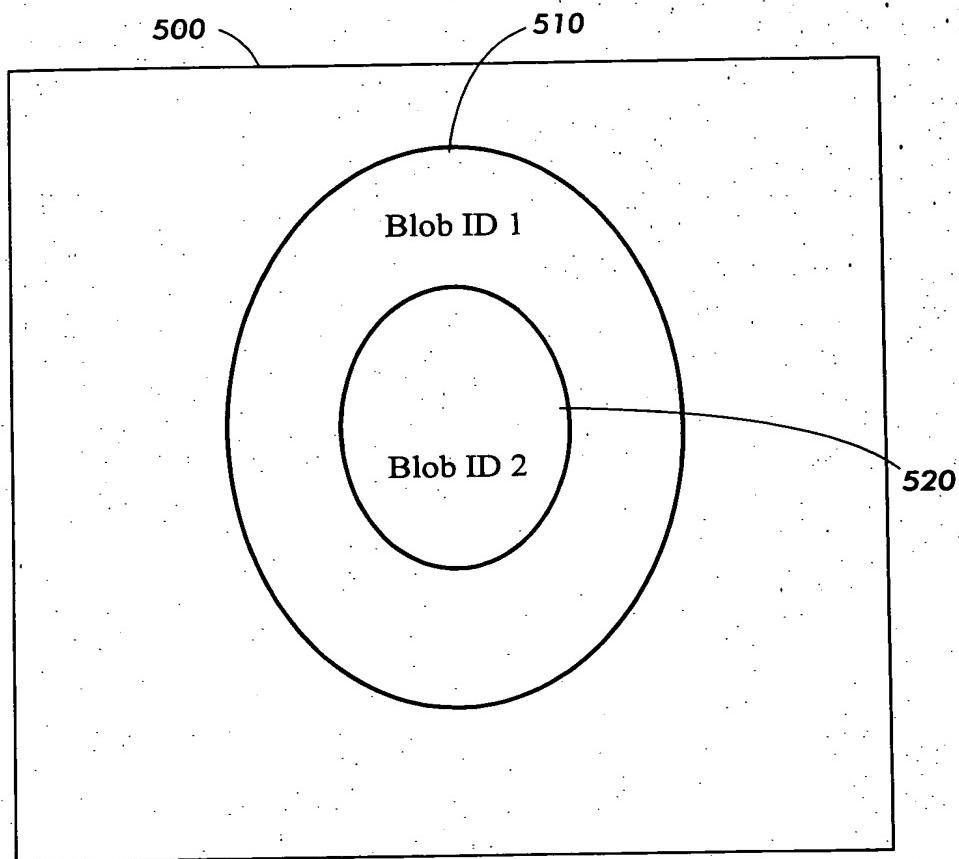
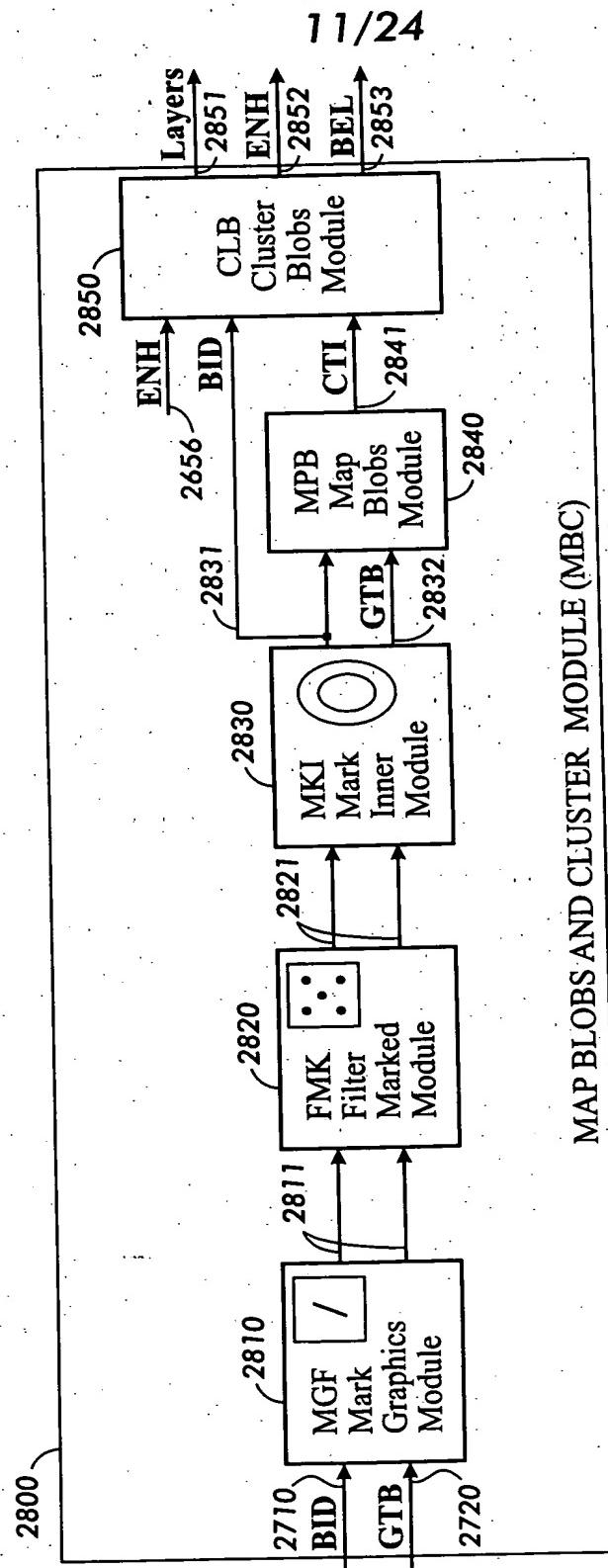


FIG. 2-1

FIG. 22



MAP BLOBS AND CLUSTER MODULE (MBC)

12/24

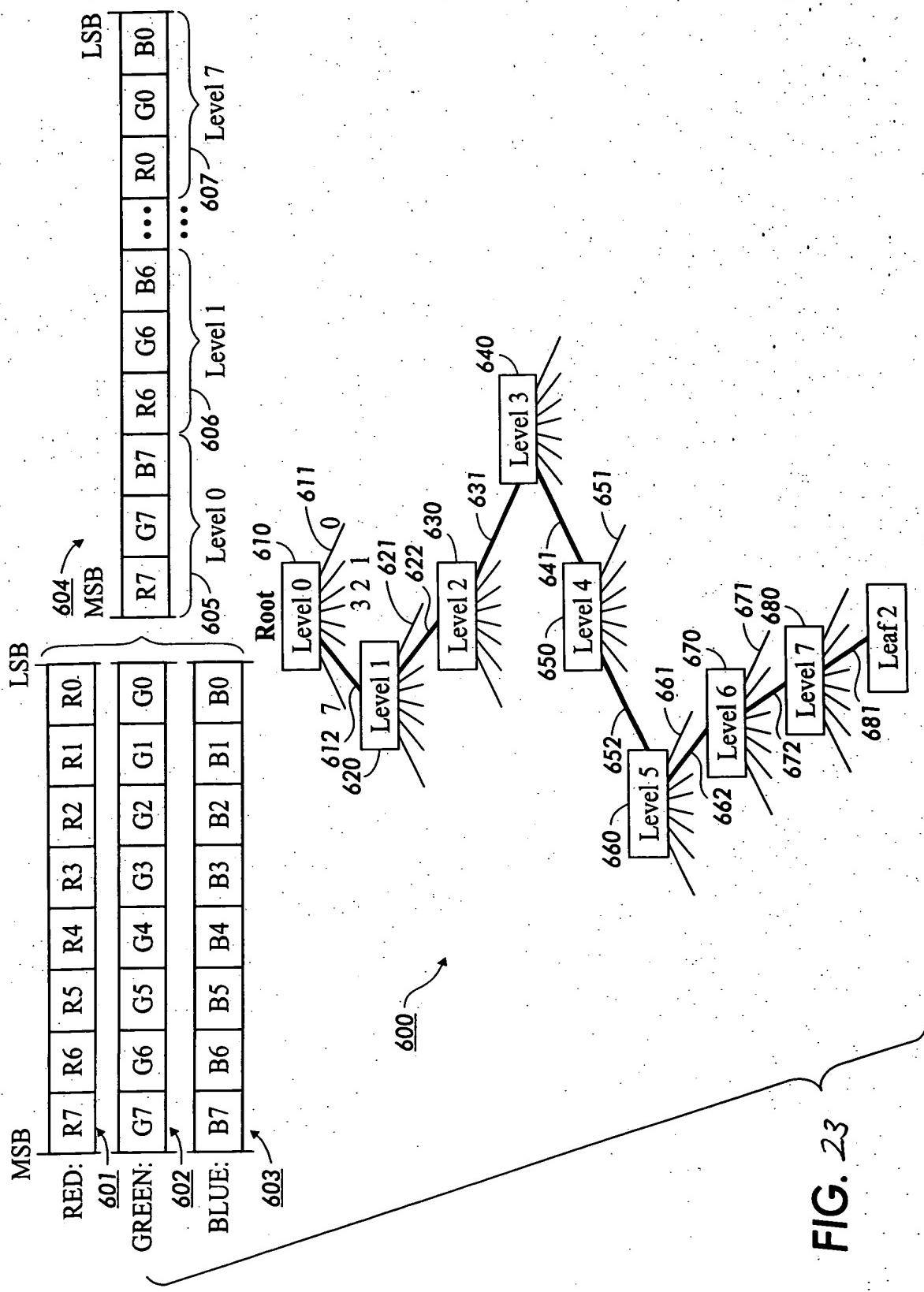


FIG. 23

13/24

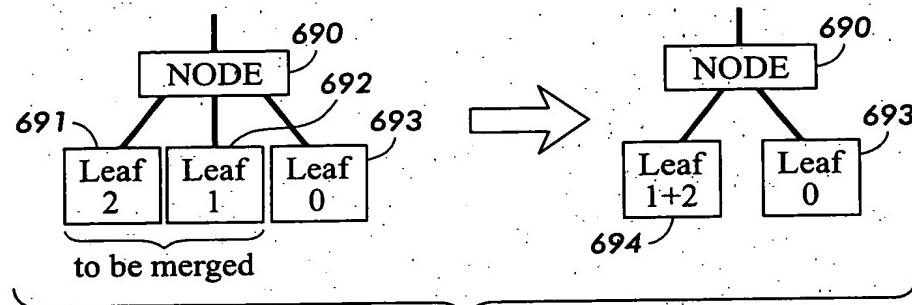


FIG. 24

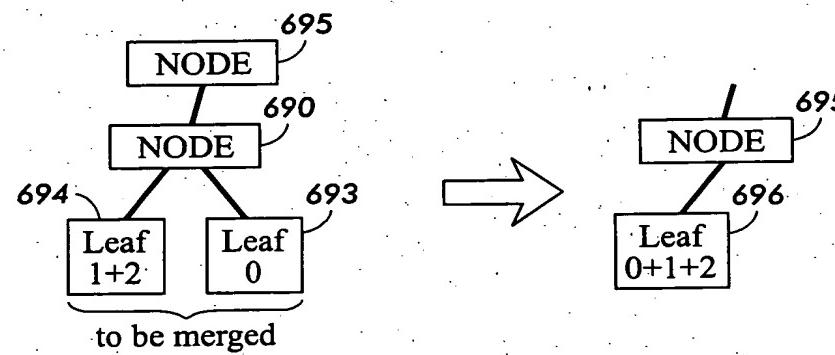


FIG. 25

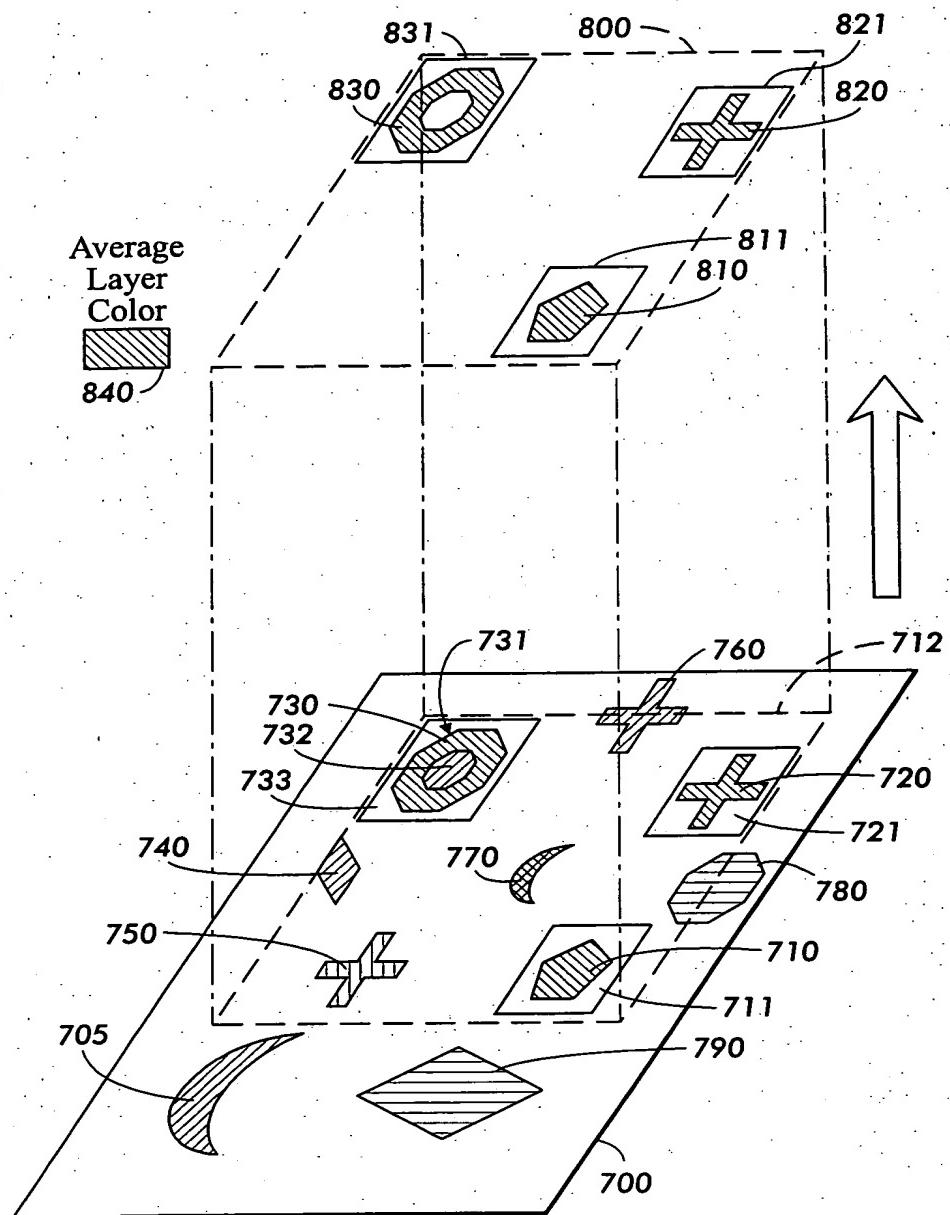


FIG. 26

15/24

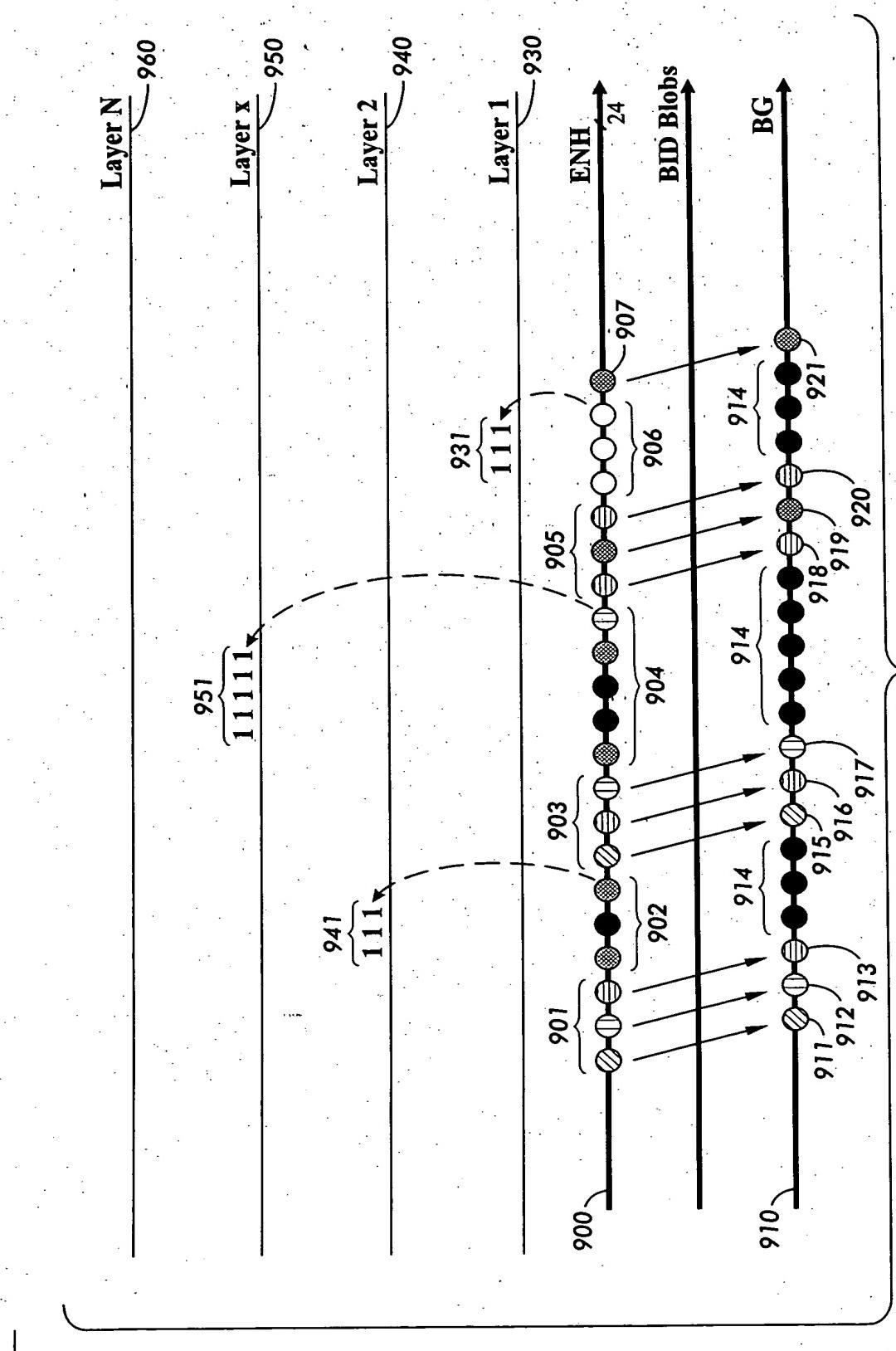


FIG. 27

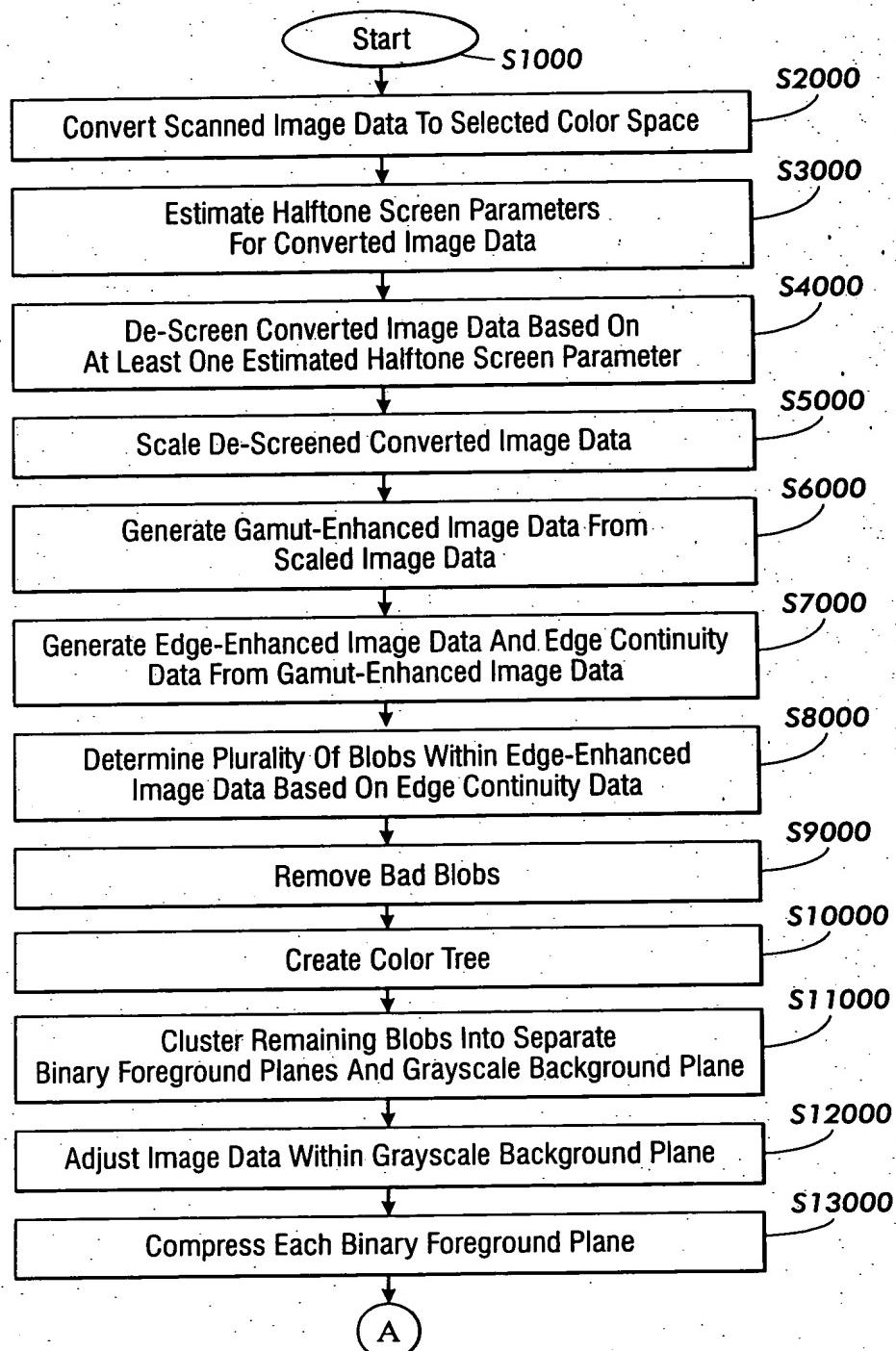


FIG. 28

17/24

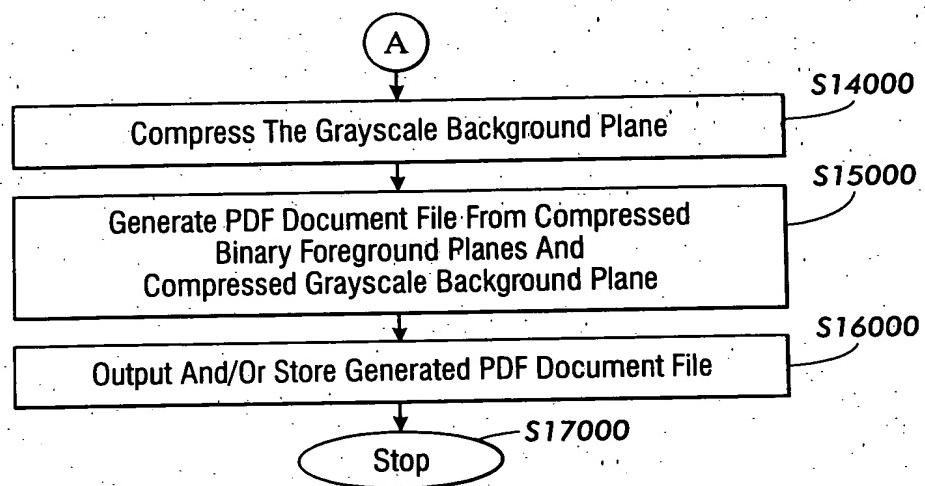


FIG. 29

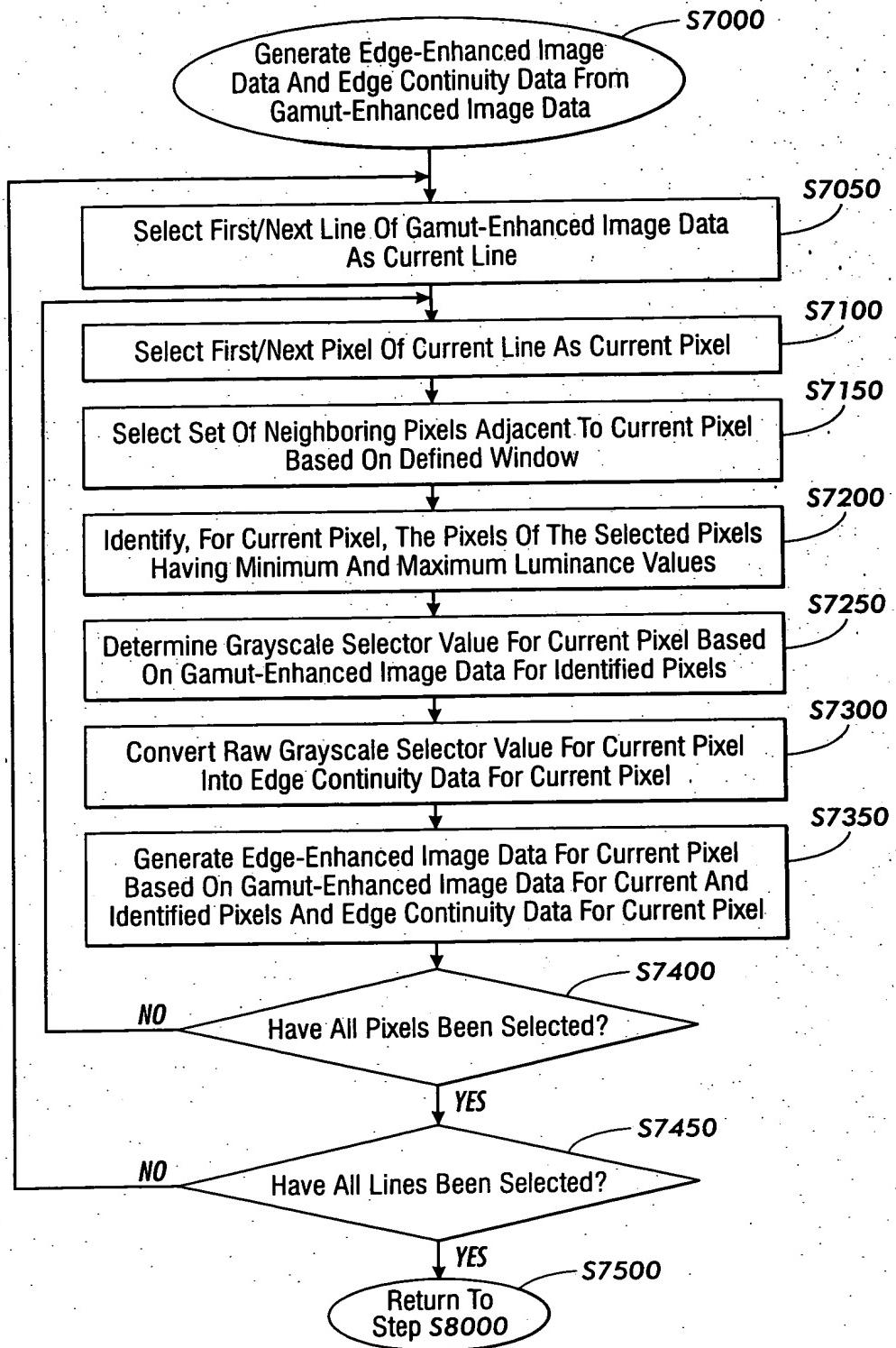


FIG. 30

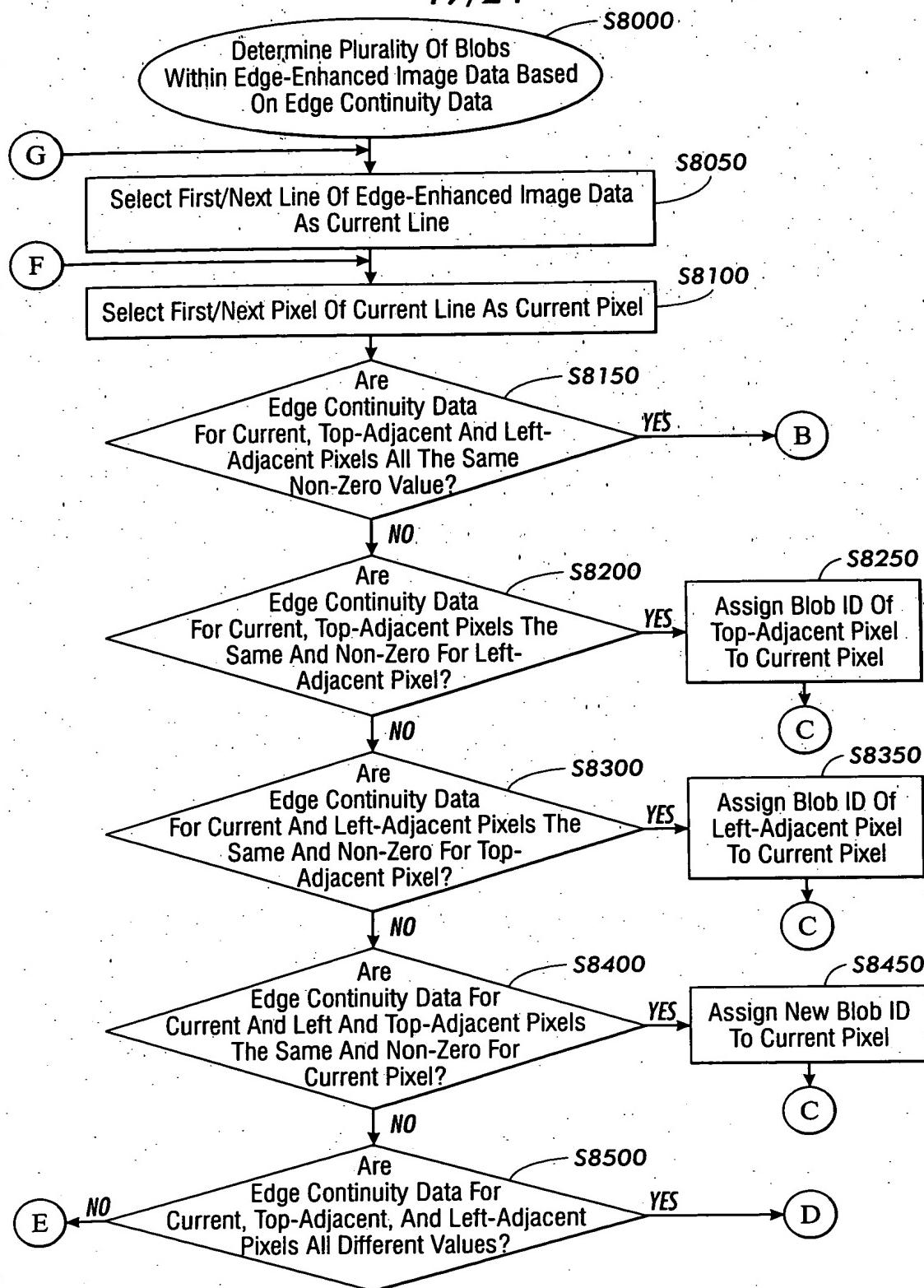


FIG. 31

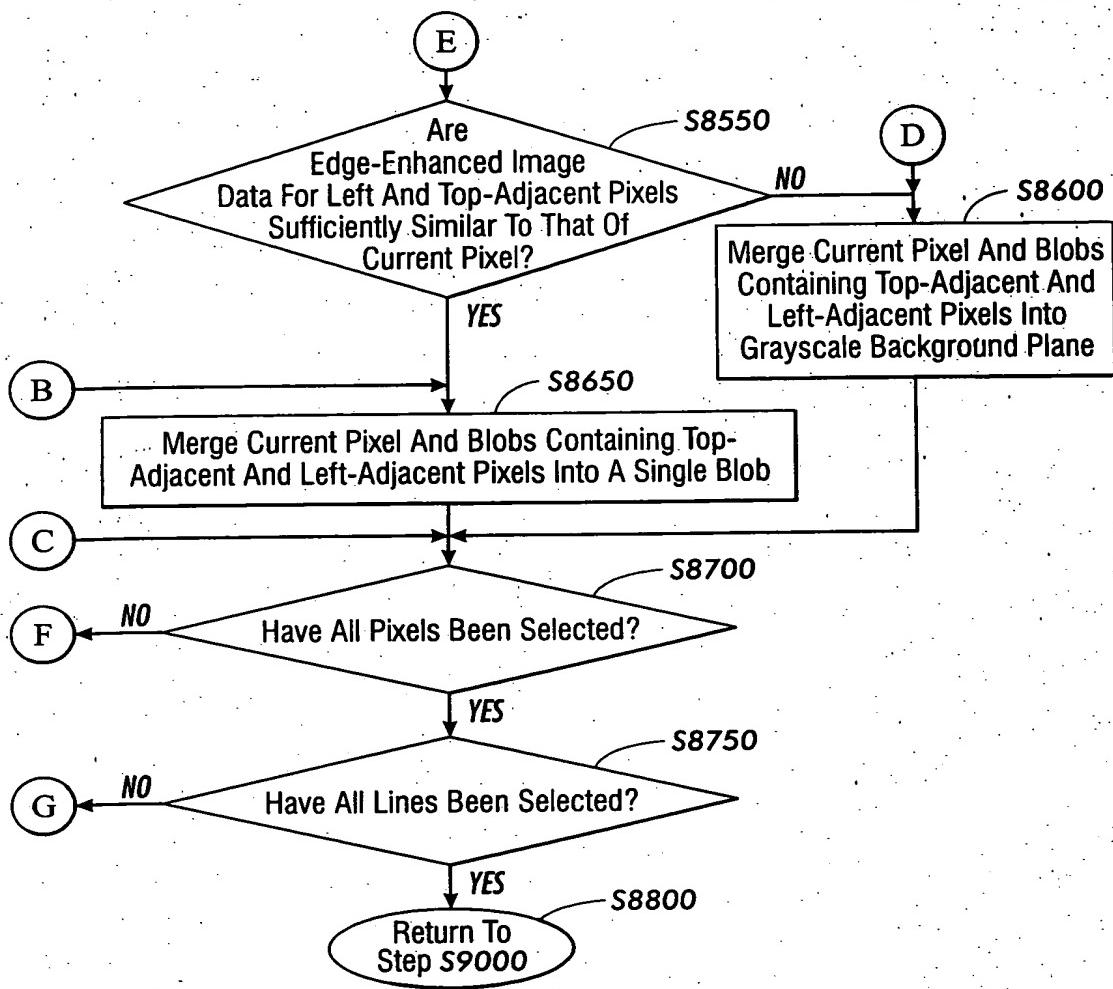


FIG. 32

21/24

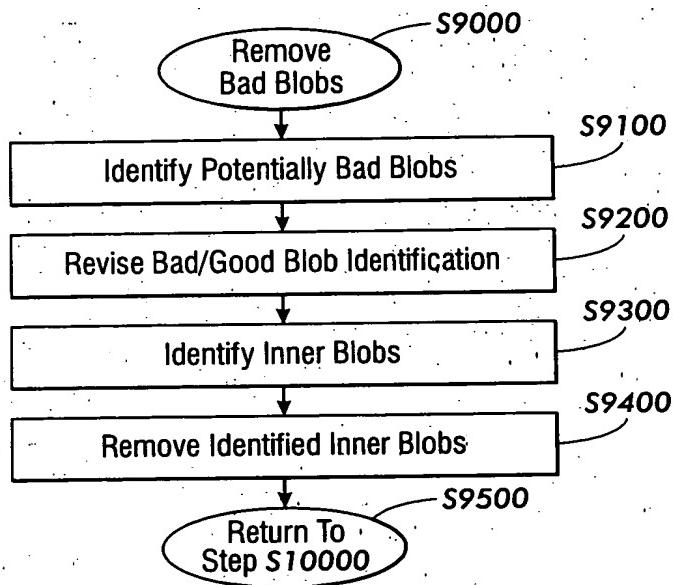


FIG. 33

22/24

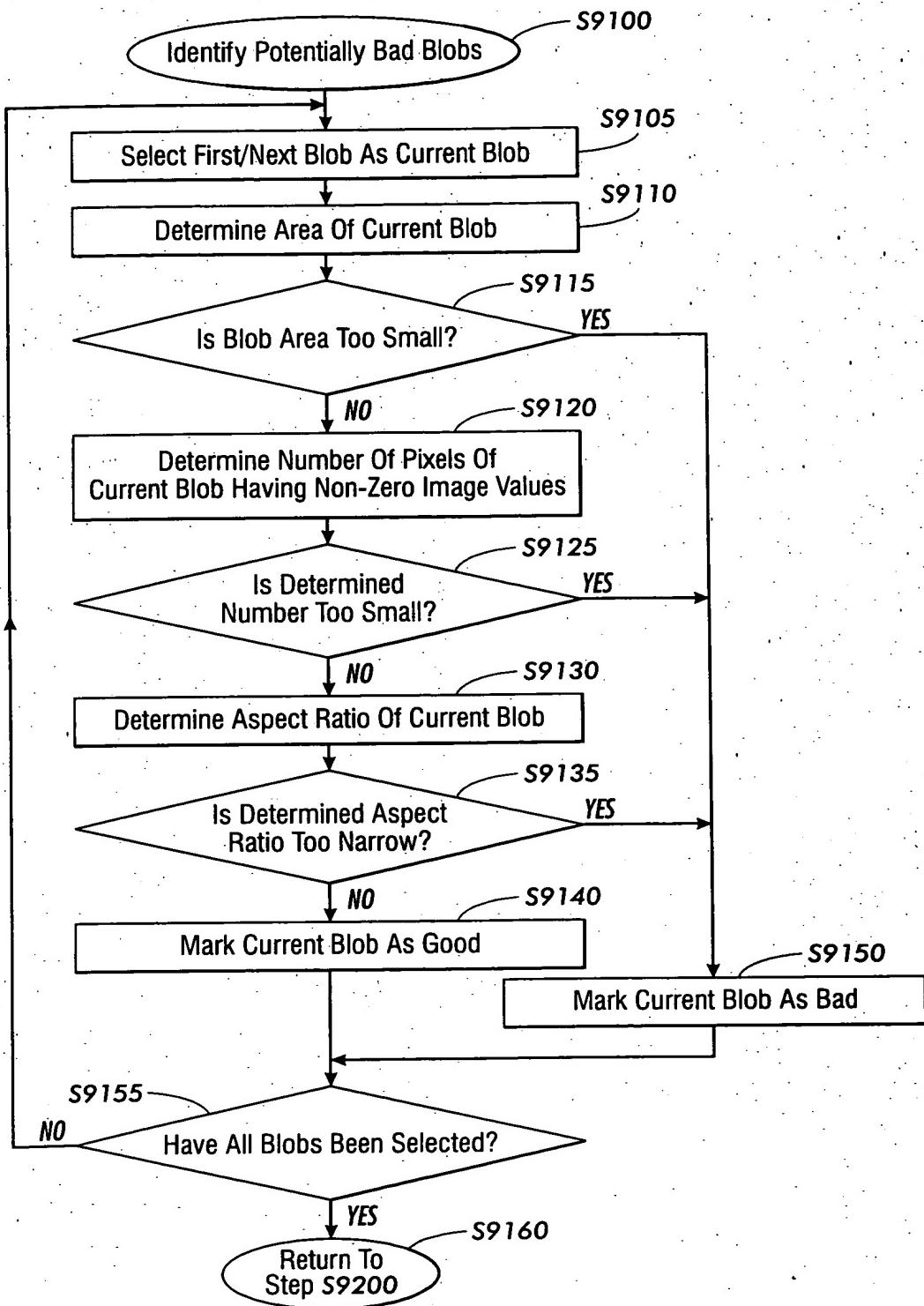


FIG. 34

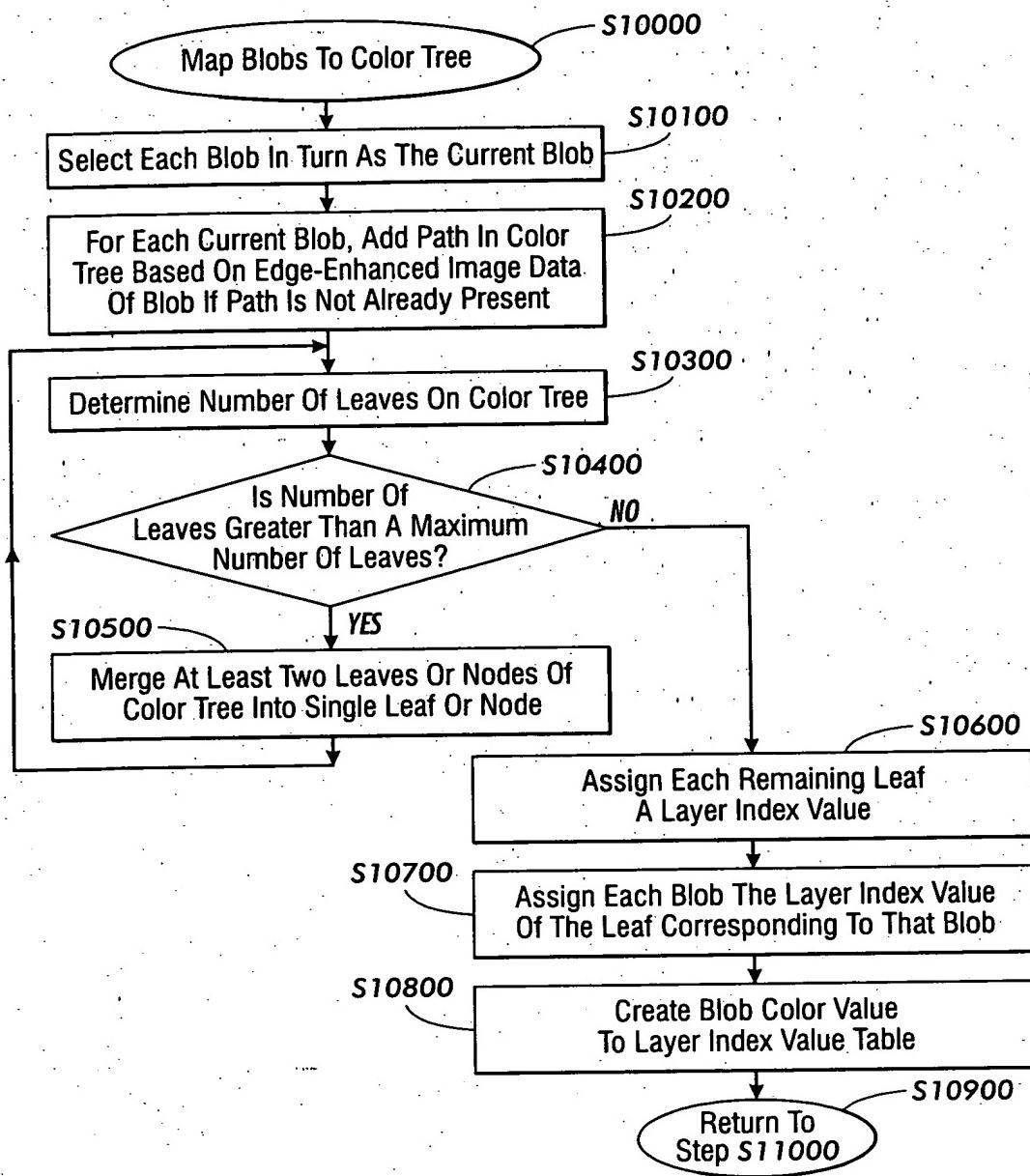


FIG. 35

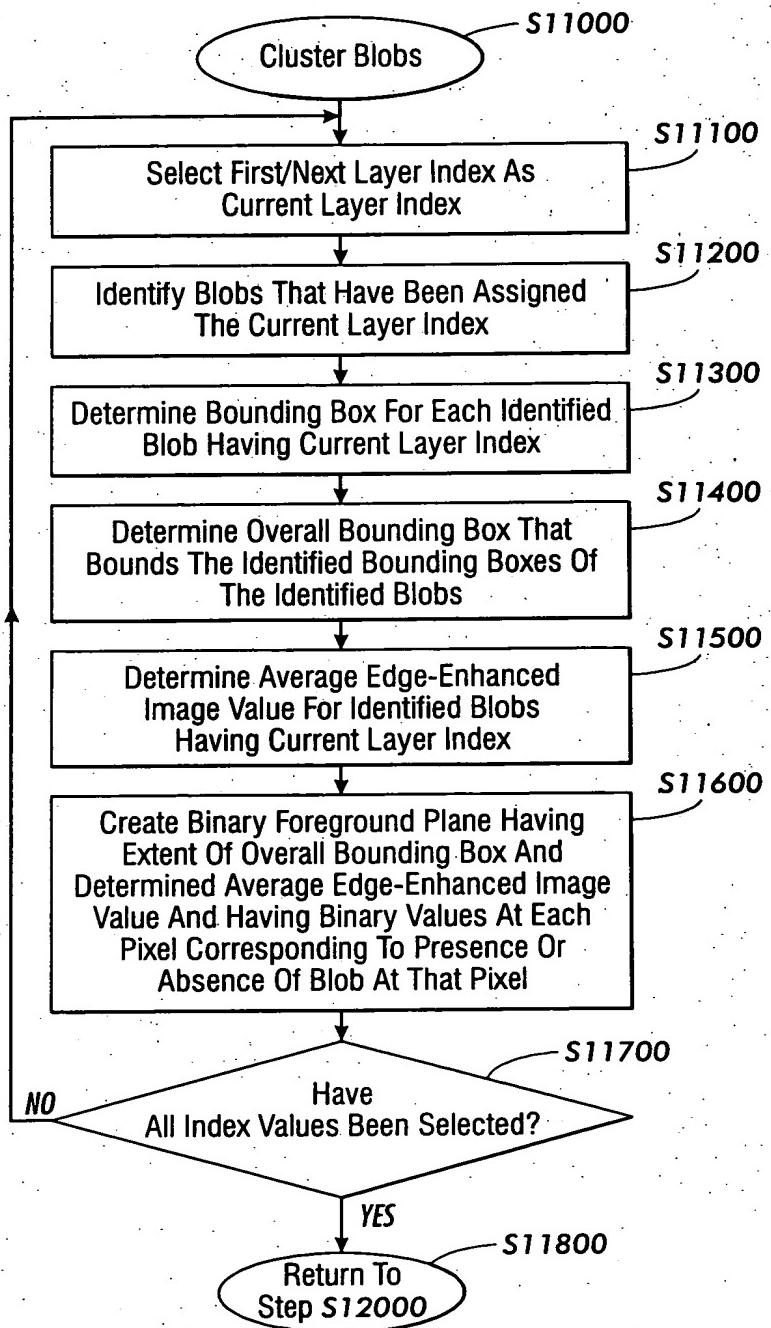


FIG. 36